

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2005/014360

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 H03L7/22 H04L7/00

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 H03L H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/180498 A1 (O'LEARY WILLIAM ET AL) 5 December 2002 (2002-12-05) page 2, paragraph 25 - paragraph 27 page 3, paragraph 28 page 4, paragraph 42 - paragraph 43 page 5, paragraph 46 figures 2,4	1-7
A	US 6 333 678 B1 (BROWN MATTHEW D ET AL) 25 December 2001 (2001-12-25) column 2, line 23 - line 40 column 5, line 16 - line 40 column 5, line 55 - column 6, line 14 figures 3,5  ----- -/--	1-7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

3 October 2005

Date of mailing of the international search report

11/10/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>WO 03/026133 A (NOKIA CORPORATION; THOMPSON, IAN) 27 March 2003 (2003-03-27) page 6, line 20 - line 27 page 19, line 15 - line 33 figures 3,13</p> <p>-----</p>	1-7